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Form C-105  
Revised 11-1-78

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.

1a. TYPE OF WELL  
OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF COMPLETION  
NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER \_\_\_\_\_

7. Unit Agreement Name  
**West Pearl Queen**

8. Farm or Lease Name

2. Name of Operator  
**Chevron U.S.A. Inc.**

9. Well No.  
**170**

3. Address of Operator  
**P.O. Box 670 Hobbs, NM 88240**

10. Field and Pool, or Wildcat  
**Pearl Queen**

4. Location of Well  
UNIT LETTER **C** LOCATED **110** FEET FROM THE **North** LINE AND **1345** FEET FROM  
THE **West** LINE OF SEC. **32** TWP. **19S** RGE. **35E** N.M.P.M.

11. County  
**Jea**

15. Date Spudded **8-10-1985** 16. Date TD Reached **8-19-1985** 17. Date Compl. (Ready to Prod.) **9-2-1985** 18. Elevations (DF, RKB, RT, GR, etc.) **3742 GL** 19. Elev. Casinghead

20. Total Depth **5125** 21. Plug Back T.D. **4975** 22. If Multiple Compl., How Many  
23. Intervals Drilled By  
Rotary Tools **0-5125** Cable Tools

24. Producing Interval(s), at this completion - Top, bottom, Name  
**4788-5003** *See Correction* **7 Holes**

25. Was Directional Survey Made  
**No**

26. Type Electric and Other Logs Run  
**CNL-CDL, DLL-MSFL**

27. Was Well Cored  
**No**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	420	12 1/4	250 sacks	
5 1/2"	15.5	5125	7 7/8	1150 sacks	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	4706	

31. Ferritation Record (Interval, size and number)  
**4788-5003 7 Holes**  
**Set CIBP @ 4975**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4788-5003	950 gal 7 1/2% MCA
4788-5003	3000 gal 15% NEFE HCL
4788-5003	31000 Gal X-L GEL 56000#ST
4788-4809	18800 Gal X-L Gel 33600#ST

33. PRODUCTION

Date First Production: **9-2-1985** Production Method (Flowing, gas lift, pumping - Size and type pump): **Pump** Well Status (Prod. or Shut-in): **Prod**

Date of Test	Hours Tested	Flow Rate	Pressure	Gas - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
11-14-1985	24	WO		5	4	175	

Flow Test No.	Casing Pressure	Flow Rate 24-Hour Rate	Gas - Bbl.	Gas - MCF	Water - Bbl.	Gr. Gravity - API (Corr.)
30	30		5	4	175	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
**Vented**

Test Witnessed By

35. List of Attachments

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED *P.H. Bailey Jr* TITLE Division Drilling Manager DATE 11-20-1985

**INSTRUCTIONS**

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

**INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE**

**Southeastern New Mexico**

**Northwestern New Mexico**

T. Anhy <u>1807</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>2930</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>3245</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>3632</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>4000</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>4657</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinobry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

**OIL OR GAS SANDS OR ZONES**

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

**IMPORTANT WATER SANDS**

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet.

**FORMATION RECORD (Attach additional sheets if necessary)**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1807	1807	Surface Rock, red bed				
1807	2930	1023	Anhydrite, Salt				
2930	3245	315	Salt, anhydrite				
3245	4100	855	SS, Dolomite, Anhydrite				
4100	4630	530	Dolomite, SS				
4630	5075	445	SS, Dolomite				

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